



STUDY GUIDE

Critical Care Nursing

Organised by

Polytechnic Institute of Viseu





1. IDENTIFYING DATA.	
· Course Name.	Critical Care Nursing
· Coordinating University.	Polytechnic Institute of Viseu
· Partner Universities Involved.	N/A
· Course Field(s).	Nursing
· Related Study Programme.	Bachelor
· ISCED Code.	913
· SDG.	3
· Study Level.	Bachelor (B)
· Number of ECTS credits allocated.	3
· Mode of Delivery.	Online live and online self-study
· Language of Instruction.	English
· Course Dates.	Semester 1/ Winter Semester
· Schedule of the Lectures.	<p>8 synchronous sessions:</p> <p>5th November (15.00-17.00 CET), 2024;</p> <p>12th November (15.00-17.00 CET), 2024;</p> <p>19th November (15.00- 17.00 CET), 2024;</p> <p>26th November (15.00- 17.00 CET), 2024;</p> <p>3rd December (15.00- 17.00 CET), 2024;</p> <p>10th December (15.00-17.00 CET), 2024;</p> <p>17th December (15.00- 17.00 CET), 2024;</p> <p>7 th January (15.00- 17.00 CET), 2025;</p> <p>8 asynchronous sessions.</p>
Exam date	Exame date - 14 th January (15.00- 17.00 CET) 2025





	Special exam (for students who do not obtain a positive mark) – 21th January (15.00- 17.00 CET) 2025
· Key Words.	Critical Care, Emergency Nursing
· Catchy Phrase.	Saving lives is what we do

· Prerequisites and co-requisites.	EUNICE student.
Recommendation	English Level: B2.
· Number of EUNICE students that can attend the Course.	18
· Course inscription procedure(s).	Eunice Application Portal

2. CONTACT DETAILS.

· Department.	School of Health
· Name of Lecturer.	Mauro Mota
· E-mail.	maurolopesmota@gmail.com
· Other Lecturers.	-

3. COURSE CONTENT.

- Polytrauma
- Severely burnt patient
- Decompensated diabetes
- Acute edema of the lung
- Acute Coronary Syndrome
- State of shock
- Advanced Life Support - Algorithm
- Peri-arrest rhythms.

4. LEARNING OUTCOMES.

To deepen knowledge about the theoretical foundations of nursing in the context of complex processes of critical illness and/or organ failure, allowing the development of critical thinking about nursing care;
Expand skills for the production and application of advanced scientific knowledge, as well as for autonomous, reflective and evidence-based decision making.

5. OBJECTIVES.

Recognize the responses of the person in critical situation.





Define nursing interventions to the person in critical situation considering the focus of nursing practice.

Identify the causal factors, symptomatology, diagnostic methods, therapeutic and preventive measures directed at the person in critical situation.

Recognize the importance of research in the context of nursing intervention with people in critical situations.

6. COURSE ORGANISATION.

UNITS

1. Lecture.
2. Document Analysis.
3. Research and Presentation.

LEARNING RESOURCES AND TOOLS.

The professor will provide PPT, articles and supporting documents.

PLANNED LEARNING ACTIVITIES AND TEACHING METHODS.

Lectures, personal research.

7. ASSESSMENT METHODS, CRITERIA AND PERIOD.

The assessment methodology will be presented at the beginning of the curricular unit and is based on one of the following proposals: individual written test or development of individual work (graded from 0 to 20). A student with a classification equal to or higher than 10 points is considered to have passed. Special examination period is available for students who do not obtain a positive classification. In the exam, assessment in the form of an individual written test (graded from 0 to 20) is subject to a pass with a classification equal to or higher than 10.

OBSERVATIONS.

8. BIBLIOGRAPHY AND TEACHING MATERIALS.

Mota, M. A., Santos, M. R., Santos, E. J., Henriques, C., Matos, A., & Cunha, M. (2021). Trauma Prehospital Hypothermia Prevention and Treatment: An Observational Study. *Journal of Trauma Nursing | JTN*, 28(3), 194-202. DOI: 10.1097/JTN.0000000000000583





Mota, M., Cunha, M., Santos, M., Santos, E., Melo, F., Abrantes, T., & Santa, A. (2020). Prehospital interventions to prevent hypothermia in trauma patients: A scoping review. *Australian Journal of Advanced Nursing*, 37(3). <https://www.ajan.com.au/index.php/AJAN/article/view/88>

Urden, L. D., Stacy, K. M., & Lough, M. E. (2017). *Critical care nursing-e-book: diagnosis and management*. Elsevier Health Sciences.

